

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for manipulating at least one audio file via a graphical user interface comprising:

displaying a timeline component having a set of time points indicative of a duration of an audio file;

displaying a waveform component having graphic elements that visually represent characteristics of said audio file over said duration;

obtaining input to said timeline component where said input identifies a first time point and a second time point of said set of time points;

generating a selection overlay comprising an area of said timeline component and said waveform component that falls between said first time point and said second time point;

wherein generating said selection overlay is performed in response to obtaining said input; and

wherein obtaining said input to said timeline component occurs at a time in which no selection overlay exists on either said timeline component or said waveform component.

2. (Original) The method of claim 1, wherein said characteristics of said audio file is amplitude.

3. (Original) The method of claim 1, wherein said area of said selection overlay is highlighted.
4. (Original) The method of claim 1, wherein said set of time points represents intervals of time.
5. (Original) The method of claim 1 further comprising:
generating a visual representation on said timeline component and said waveform component upon receiving said input to said timeline component.
6. (Original) The method of claim 5, wherein said visual representation indicates a start point of said selection overlay.
7. (Original) The method of claim 5, wherein said visual representation indicates an end point of said selection overlay.
8. (Original) The method of claim 5 further comprising: performing at least one special function to said area of said audio file associated with said selection overlay.
9. (Original) The method of claim 8, wherein said at least one special function comprises a copy operation.
10. (Original) The method of claim 9, wherein said copy operation comprises generating a new instance of said area within said selection overlay.
11. (Original) The method of claim 10, wherein said new instance comprises a second timeline component and a second waveform component comprising a portion of said audio data associated with said area within said selection overlay.

12. (Currently Amended) A method for manipulating at least one audio file via a graphical user interface comprising:

displaying a timeline component having a set of time points indicative of a duration of an audio file;

displaying a first waveform component having graphic elements that visually represent characteristics of said audio file over said duration;

concurrently displaying a plurality of graphical adjustable elements that wherein each graphical adjustable element visually represents a distinct parameter component of said audio file over said duration;

obtaining an adjustment input ~~on said on a selected~~ graphical adjustable element representing ~~said a particular~~ parameter component;

modifying said particular parameter component in said audio file in accordance with said adjustment input on said selected graphical adjustable element.

13. (Original) The method of claim 12, wherein said characteristics of said audio file is amplitude.

14. (Currently Amended) The method of claim 12, wherein said selected graphical adjustable element is a line.

15. (Currently Amended) The method of claim 12, wherein said particular parameter component is volume of said audio file during playback.

16. (Currently Amended) The method of claim 12, wherein said particular parameter component is pan level of said audio file during playback.

17. (Currently Amended) The method of claim 12, wherein said adjustment input comprises using an input device to click on a first point on said selected graphical adjustable element and dragging said first point to a desired adjustment level.
18. (Original) The method of claim 17, wherein said desired adjustment level is a second point above said first point.
19. (Original) The method of claim 17, wherein said desired adjustment level is a second point below said first point.
20. (Currently Amended) A graphical user interface for manipulating at least one audio file comprising:
- a first element displaying a timeline component having a set of time points indicative of a duration of an audio file;
 - a second element displaying a waveform component that visually represent characteristics of said audio file over said duration;
 - a third element for obtaining user input to said timeline component where said input identifies a first time point and a second time point of said set of time points;
 - a fourth element indicating a selection overlay comprising an area of said timeline component and said waveform component that falls between said first time point and said second time point;
- wherein the fourth element indicates said selection overlay in response to the third element obtaining said input; and
- wherein the third element obtains said input at a time in which no selection overlay exists on either said timeline component or said waveform component.

21. (Original) The graphical user interface of claim 20, wherein said characteristics of said audio file is amplitude.
22. (Original) The graphical user interface of claim 20, wherein said area of said selection overlay is highlighted.
23. (Original) The graphical user interface of claim 20, wherein said set of time points represents intervals of time.
24. (Original) The graphical user interface of claim 20 further comprising:
a fifth element providing a visual representation on said timeline component and said waveform component upon receiving said input to said timeline component.
25. (Original) The graphical user interface of claim 24, wherein said visual representation indicates a start point of said selection overlay.
26. (Original) The graphical user interface of claim 24, wherein said visual representation indicates an end point of said selection overlay.
27. (Original) The graphical user interface of claim 24 further comprising: means for performing at least one special function to said area of said audio file associated with said selection overlay.
28. (Original) The graphical user interface of claim 27, wherein said at least one special function comprises a copy operation.
29. (Original) The graphical user interface of claim 28, wherein said copy operation comprises generating a new instance of said area within said selection overlay.

30. (Original) The graphical user interface of claim 29, wherein said new instance comprises a second timeline component and a second waveform component comprising a portion of said audio data associated with said area within said selection overlay.
31. (Currently Amended) A graphical user interface for manipulating at least one audio file comprising:
- a first element displaying a timeline component having a set of time points indicative of a duration of an audio file;
 - a second element displaying a first waveform component having graphic elements that visually represent characteristics of said audio file over said duration;
 - a third element concurrently displaying a plurality of graphical adjustable elements ~~that~~ wherein each graphical adjustable element visually represents a distinct parameter component of said audio file over said duration;
 - a fourth element for obtaining an adjustment input ~~on said on a selected~~ graphical adjustable element representing ~~said a particular~~ parameter component, wherein said particular parameter component in said audio file is modified in accordance with said adjustment input on said selected graphical adjustable element.
32. (Original) The graphical user interface of claim 31, wherein said characteristics of said audio file is amplitude.
33. (Currently Amended) The graphical user interface of claim 31, wherein said selected graphical adjustable element is a line.
34. (Currently Amended) The graphical user interface of claim 31, wherein said particular parameter component is volume of said audio file during playback.

35. (Currently Amended) The graphical user interface of claim 31, wherein said particular parameter component is pan level of said audio file during playback.
36. (Currently Amended) The graphical user interface of claim 31, wherein said adjustment input comprises using an input device to click on a first point on said selected graphical adjustable element and dragging said first point to a desired adjustment level.
37. (Original) The graphical user interface of claim 36, wherein said desired adjustment level is a second point above said first point.
38. (Original) The graphical user interface of claim 36, wherein said desired adjustment level is a second point below said first point.
39. (Currently Amended) ~~A computer program product having~~ A computer-readable storage medium storing computer readable program code ~~embodied therein~~ for manipulating at least one audio file via a graphical user interface, said computer readable program code comprising computer program code configured to cause a computer to:
- display a timeline component having a set of time points indicative of a duration of an audio file;
 - display a waveform component having graphic elements that visually represent characteristics of said audio file over said duration;
 - obtain input to said timeline component wherein said input identifies a first time point and a second time point of said set of time points; and
 - generate a selection overlay comprising an area of said timeline component and said waveform component that falls between said first time point and said second time point;

wherein said selection overlay is generated in response to obtaining said input; and
wherein said input to said timeline component is obtained at a time in which no
selection overlay exists on either an area of said timeline component or an area
of said waveform component.

40. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 39, wherein said computer program code configured to cause said computer to display said waveform component further comprises computer program code configured to cause said computer to display a data amplitude of said at least one audio file.

41. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 39, wherein said computer program code configured to cause said computer to generate said selection overlay further comprises computer program code configured to cause said computer to highlight said selection overlay.

42. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 39, wherein said computer program code configured to cause said computer to obtain input to said timeline component further comprises computer program code configured to cause said computer to represent intervals of time.

43. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 39 further comprising computer program code configured to cause said computer to generate a visual representation of said timeline component and said waveform component upon receiving said input to said timeline component.

44. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 43, wherein said computer program code configured to cause said computer

to display said waveform component further comprises computer program code configured to cause said computer to indicate a start point of said selection overlay.

45. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 43, wherein said computer program code configured to cause said computer to display said waveform further comprises computer program code configured to cause said computer to indicate an end point of said selection overlay.

46. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 39 further comprising computer program code configured to cause said computer to perform at least one special function with respect to said area of said audio file associated with said selection overlay.

47. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 46, wherein said at least one special function comprises copying data associated with said selection overlay.

48. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 47, wherein said computer program code configured to cause said computer to perform said at least one special function further comprises computer program code configured to cause said computer to generate a new instance of said area within said selection overlay.

49. (Currently Amended) ~~The computer program product~~The computer-readable storage medium of claim 48, wherein said new instance further comprises a second timeline

component and a second waveform component comprising a portion of said audio data associated with said area within said selection overlay.

50. (New) The method of claim 1, wherein said graphical user interface displays said timeline component and said waveform component but does not display any component for selecting a mode for generating the selection overlay.

51. (New) The graphical user interface of claim 20, wherein said graphical user interface displays said timeline component and said waveform component but does not display any component for selecting a mode for generating the selection overlay.

52. (New) The computer-readable storage medium of claim 39, wherein said computer program code configured to cause said computer to display said timeline component and said waveform component further comprises computer program code configured to cause said computer to not display any component for selecting a mode for generating the selection overlay.